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## **Patent Assignment Abstract of Title**

**Total Assignments: 1** 

**Application #:** 10067997 Filing Dt: 02/08/2002 Patent #: NONE Issue Dt:

Publication #: 20020176164 Pub Dt: 11/28/2002 PCT #: NONE

Inventors: Hironori Motomura, Naoki Takahashi

Title: Illumination device and/or a liquid crystal display device

Assignment: 1

Recorded:

**Reel/Frame:** <u>012971/0774</u> Received: 06/13/2002 06/06/2002 08/12/2002 Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Exec Dt: 05/07/2002 Assignors: MOTOMURA, HIRONORI

Exec Dt: 05/07/2002 TAKAHASHI, NAOKI

Assignee: NITTO DENKO COROPORATION

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Search Results as of: 4/23/2003 9:51:11 A.M.

Pages: 3

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L Number	Hits	Search Text	DB	Time stamp
1 Number		(349/61,62,35).ccls.	USPAT;	2003/04/23 10:08
-	1310	(515) 52, 52, 53, 5323	US-PGPUB;	
		·	EPO; JPO;	ļ
İ		i	DERWENT;	
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2	85	349/115.ccls.	USPAT;	2003/04/23 10:08
ļ			US-PGPUB;	
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-	1147	262/21 asla	IBM_TDB   USPAT;	2002/04/22 10:08
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			IBM TDB	
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1	•		US-PGPUB:	
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5	81	motomura-hironori.in.	USPAT;	2003/04/23 10:09
			US-PGPUB;	!
!			EPO; JPO;	
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6	313365	illuminat\$3	USPAT;	2003/04/23 10:09
ļ			US-PGPUB;	İ
i			EPO; JPO;	
			DERWENT;	
_		53 440 0 3 4 40	IBM_TDB	2002/04/02 20 00
7 .	10844	reflect\$3 near2 polariz\$3	USPAT;	2003/04/23 10:09
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			EPO; JPO;	
1			DERWENT; IBM TDB	
8 !	46022	reflectance	USPAT;	2003/04/23 10:09
٥	40922	Terrectance	US-PGPUB;	2003/04/23 10:09
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			DERWENT;	1
			IBM TDB	
9 !	44904	lightguide light-guide lightpipe light-pipe	USPAT;	2003/04/23 10:11
i		light-conductor (light adj (guide pipe	US-PGPUB;	
		conductor))	EPO; JPO;	:
i			DERWENT;	I
			IBM_TDB	
10	484	illuminat\$3 near10 (reflect\$3 near2	USPAT;	2003/04/23 10:11
j		polariz\$3)	US-PGPUB;	
ļ			EPO; JPO;	
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, ,	2021-	24001-	IBM_TDB	2002/04/02 20 22
12	29747	349\$.ccls.	USPAT;	2003/04/23 10:18
			US-PGPUB;	
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14	6	349/115.ccls. and (illuminat\$3 near10	USPAT;	2003/04/23 10:12
	0	(reflect\$3 near2 polariz\$3))	US-PGPUB;	2303,04,23 10:12
		(101100040 Moure Poruritado)	EPO; JPO;	
			DERWENT;	
			IBM TDB	Ī
15	10	362/31.ccls. and (illuminat\$3 near10	USPAT;	2003/04/23 10:12
	_	(reflect\$3 near2 polariz\$3))	US-PGPUB;	!
			EPO; JPO;	
			DERWENT;	
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13 :	19	((349/61,62,35).ccls.) and (illuminat\$3	USPAT;	2003/04/23 10:14
		<pre>near10 (reflect\$3 near2 polariz\$3))</pre>	US-PGPUB;	÷
		-	EPO; JPO;	
			,	
			DERWENT; IBM_TDB	

16	1655	illuminat\$3 near10 reflectance	USPAT;	2003/04/23 10:14
10	1033	11141111140000 1104111	US-PGPUB;	
	:		EPO; JPO;	
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		(177	IBM_TDB	2002/04/22 10 14
17		(illuminat\$3 near10 reflectance) and ((349/61,62,35).ccls.)	USPAT; US-PGPUB;	2003/04/23 10:14
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į			DERWENT;	:
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18	2	(illuminat\$3 near10 reflectance) and	USPAT;	2003/04/23 10:15
!		349/115.ccls.	US-PGPUB;	
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!		i	DERWENT; IBM TDB	
20	712	planar adj light adj source	USPAT;	2003/04/23 10:18
20	/13	planar adj right adj source	US-PGPUB;	2003/01/23 20:20
:	i		EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/04/22 10 10
21	1	(planar adj light adj source) near5   reflectance	USPAT; US-PGPUB;	2003/04/23 10:19
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	!		IBM_TDB	
22	1	(planar adj light adj source) near10	USPAT;	2003/04/23 10:19
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			EPO; JPO; DERWENT;	
			IBM TDB	
- 23	5	(planar adj light adj source) same	USPAT;	2003/04/23 10:20
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			EPO; JPO;	1
ì			DERWENT; IBM TDB	
24	. 146	(lightguide light-guide lightpipe light-pipe		2003/04/23 10:20
		light-conductor (light adj (guide pipe	US-PGPUB;	
		conductor))) near10 reflectance	EPO; JPO;	
			DERWENT;	
. 26		1240/115 gala and //lightquide light-quide	IBM_TDB USPAT;	2003/04/23 10:20
26	1	! 349/115.ccls. and ((lightguide light-guide   lightpipe light-pipe light-conductor (light	US-PGPUB;	2003/04/23 10.20
i		adj (guide pipe conductor))) near10	EPO; JPO;	
		reflectance)	DERWENT;	
0.5	i -	//240/61 62 25) ==1 - 1 - 2 //13 = 15 - 2 //13	IBM_TDB	2002/04/22 10:00
25		((349/61,62,35).ccls.) and ((lightguide   light-quide lightpipe light-pipe	USPAT; US-PGPUB;	2003/04/23 10:20
		light-conductor (light adj (guide pipe	EPO; JPO;	
	1	conductor))) near10 reflectance)	DERWENT;	
1			IBM_TDB	
27	19	362/31.ccls. and ((lightguide light-guide	USPAT;	2003/04/23 10:25
1		lightpipe light-pipe light-conductor (light	US-PGPUB;	1
		adj (guide pipe conductor))) near10 reflectance)	EPO; JPO; DERWENT;	
		151155641667	IBM_TDB	
28		jp-04268505-\$.did.	JPO	2003/04/23 10:33
29	0	(reflect\$3 near2 polariz\$3) same (planar adj	JPO	2003/04/23 10:33
30		light adj source)	JPO	2003/04/23 10:52
30	. 15	(lightguide light-guide lightpipe light-pipe light-conductor (light adj (guide pipe	JFO	. 2003/04/23 10:52
		conductor))) same (reflect\$3 near2		
		polariz\$3) same (light adj source)		
31		cholesteric	JPO	2003/04/23 10:52
32	18	(reflect\$3 near2 polariz\$3) near10	JPO	2003/04/23 10:52
		cholesteric		

133		85   (lightquide light-guide lightpipe light-pipe	USPAT;	2003/04/23	10:53
		: light-conductor (light adj (quide pipe	US-PGPUB;		
		conductor))) same (reflect\$3 near2	EPO;		
;	1	polariz\$3) same (light adj source)	DERWENT;		
			IBM TDB		
34		14 ((349/61,62,35).ccls.) and ((lightquide	USPAT;	2003/04/23	10:53
		light-guide lightpipe light-pipe	US-PGPUB;		- 1
		light-conductor (light adj (quide pipe	EPO;		1
		conductor))) same (reflect\$3 near2	DERWENT;		:
		polariz\$3) same (light adj source))	IBM TDB		
35		2 349/115.ccls. and ((lightguide light-guide	USPAT;	2003/04/23	10:55
	1	lightpipe light-pipe light-conductor (light	US-PGPUB;	i	1
1	i	adj (guide pipe conductor))) same (reflect\$3	EPO;		-
i	1	near2 polariz\$3) same (light adj source))	DERWENT;		
			IBM TDB		
36		13 362/31.ccls. and ((lightguide light-guide	USPAT;	2003/04/23	10:56
	- 1	lightpipe light-pipe light-conductor (light	US-PGPUB;		
		adj (guide pipe conductor))) same (reflect\$3	EPO;	}	:
i	i	near2 polariz\$3) same (light adj source))	DERWENT;		1
			. IBM_TDB		